

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COPY**

Applicant : Gregory J. LaRosa et al.                      Art Unit : Unknown  
Serial No. : 09/840,459                                      Examiner : Unknown  
Filed : April 23, 2001  
Title : HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) MILLENNIUM PHARMACEUTICALS, INC., a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

☒ A chain of title from the inventors of the patent application identified above, to the current assignee as shown below.

1. From the inventors to Millennium Pharmaceuticals, Inc. recorded in the Patent and Trademark Office at Reel 012511, Frame 0380 on January 23, 2002.
2. From the inventors to Medical Research Council Technology recorded in the Patent and Trademark Office at Reel 012511, Frame 0350 on January 23, 2002.
3. From Medical Research Council Technology to Millennium Pharmaceuticals, Inc. recorded in the Patent and Trademark Office at Reel 012511, Frame 0448 on January 23, 2002.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1-27-04  
Date of Deposit

Signature

JANE MORGAN

Typed or Printed Name of Person Signing Certificate

Applicant : Gregory J. LaRosa et al.  
Serial No. : 09/840,459  
Filed : April 23, 2001  
Page : 2 of 2

Attorney's Docket No.: 10448 / MPI98-129CP3WOCN1

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Laurie Butler Lawrence  
Reg. No. 46,593

Louis Myers  
Reg. No. 36,965

Leda I. Trivinos  
Reg. No. 50,635

all of: FISH & RICHARDSON P.C.  
225 Franklin Street  
Boston, MA 02110-2804

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

**PTO Customer Number: 26161**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: 1/22/04

  
JEAN M. SILVERI

Title: Associate General Counsel

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

DOCKET NO. 1855.1052-012

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent ApplicationCOPY FOR CONTINUING  
APPLICATION☒ Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name:

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CYR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

☐ is attached hereto.☒ was filed on April 23, 2001 as United States Application Number 09/840,459.☐ was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [OPTION and assigned United States Application No. [ ]].☒ and was amended on September 5, 2001; December 19, 2001; October 22, 2002; April 16, 2003; and August 18, 2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Not Claimed	Certified Copy Filed?	
(Number)	(Country)	(Day/Month/Year filed)		YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

-2-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature

Date

Residence

325 Woodward StreetNewton, Massachusetts 02468

Citizenship

U.S.A.

Mailing Address

same as above

Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature

Date

Residence

209 Plain StreetTaunton, Massachusetts 02780

Citizenship

U.S.A.

Mailing Address

same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature

Date

Residence

3 Durham Street, #2Dorchester, Massachusetts 02115

Citizenship

U.S.A.

Mailing Address

same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature

Date

Residence

1 Christ Church CrescentKidlington, Hertfordshire, UK WD78AC

Citizenship

British

Mailing Address

same as above

-3-

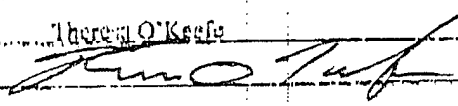
Full name of fifth joint

inventor, if any Stephen H. O'Brien

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 66 Staghorn Avenue, Basement FlatFinchley, London, UK N11NACitizenship IrishMailing Address same as above

Full name of sixth joint

inventor, if any Theresa O'KeefeInventor's Signature  Date 12.19.03Residence 20 Richman AvenueWaltham, Massachusetts 02451Citizenship U.S.A.Mailing Address same as above

Full name of seventh joint

inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Mailing Address \_\_\_\_\_

Full name of eighth joint

inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Mailing Address \_\_\_\_\_

Full name of ninth joint

inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Mailing Address \_\_\_\_\_

Great Eagle Patent (www.great-eagle.com, 11/13/02)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

**COPY FOR CONTINUING  
APPLICATION**

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

☐ is attached hereto.

☒ was filed on April 23, 2001 as United States Application

Number or PCT International Application No. 09/840,459

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/121,781</u> (Application Serial No.)	<u>July 23, 1998</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/359,193</u> (Application Serial No.)	<u>July 22, 1999</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/497,625</u> (Application Serial No.)	<u>February 3, 2000</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>PCT/US01/03537</u> (Application Serial No.)	<u>February 2, 2001</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

[ X ] Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**Two Militia Drive**  
**Lexington, MA 02421-4799**

or

[ ] Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature  Date 9/14/01

Residence 325 Woodward Street

Newton, Massachusetts 02468

Citizenship U.S.A.

Post Office Address same as above  
-----



Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 209 Plain Street

Taunton, Massachusetts 02780

Citizenship U.S.A.

Post Office Address same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3 Durham Street, #3

Boston, Massachusetts 02115

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 1 Christ Church Crescent

Radlett, Hertfordshire, UK WD78AG

Citizenship British

Post Office Address same as above

Full name of fifth joint

inventor, if any Siobhan H. O'Brien

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 66 Stanhope Avenue, Basement Flat

Finchley, London, UK N33NA

Citizenship Irish

Post Office Address same as above

Full name of sixth joint

inventor, if any Theresa O'Keefe

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 61 Parkers Lane

Waltham, Massachusetts 02453

Citizenship U.S.A.

Post Office Address same as above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

- ☐ is attached hereto.  
☒ was filed on April 23, 2001 as United States Application

Number or PCT International Application No. 09/840,459

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/121,781</u> (Application Serial No.)	<u>July 23, 1998</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/359,193</u> (Application Serial No.)	<u>July 22, 1999</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/497,625</u> (Application Serial No.)	<u>February 3, 2000</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>PCT/US01/03537</u> (Application Serial No.)	<u>February 2, 2001</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**Two Militia Drive**  
**Lexington, MA 02421-4799**

or

☐ Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 325 Woodward Street

Newton, Massachusetts 02468

Citizenship U.S.A.

Post Office Address same as above  
-----

Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature X

*Christopher Horvath*

Date X 18 Sept. 2001

Residence 209 Plain Street

Taunton, Massachusetts 02780

Citizenship U.S.A.

Post Office Address same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 3 Durham Street, #3

Boston, Massachusetts 02115

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 1 Christ Church Crescent

Radlett, Hertfordshire, UK WD78AG

Citizenship British

Post Office Address same as above

Full name of fifth joint

inventor, if any Siobhan H. O'Brien

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 66 Stanhope Avenue, Basement Flat

Finchley, London, UK N33NA

Citizenship Irish

Post Office Address same as above

Full name of sixth joint

inventor, if any Theresa O'Keefe

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 61 Parkers Lane

Waltham, Massachusetts 02453

Citizenship U.S.A.

Post Office Address same as above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

☐ is attached hereto.

☒ was filed on April 23, 2001 as United States Application

Number or PCT International Application No. 09/840,459

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/121,781</u> (Application Serial No.)	<u>July 23, 1998</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/359,193</u> (Application Serial No.)	<u>July 22, 1999</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/497,625</u> (Application Serial No.)	<u>February 3, 2000</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>PCT/US01/03537</u> (Application Serial No.)	<u>February 2, 2001</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**Two Militia Drive**  
**Lexington, MA 02421-4799**

or

☐ Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 325 Woodward Street

Newton, Massachusetts 02468

Citizenship U.S.A.

Post Office Address same as above  
-----

Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 209 Plain Street

Taunton, Massachusetts 02780

Citizenship U.S.A.

Post Office Address same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature *x Walter Newman* Date *x 9/17/01*

Residence 3 Durham Street, #3

Boston, Massachusetts 02115

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 1 Christ Church Crescent

Radlett, Hertfordshire, UK WD78AG

Citizenship British

Post Office Address same as above

Full name of fifth joint

inventor, if any Siobhan H. O'Brien

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 66 Stanhope Avenue, Basement Flat

Finchley, London. UK N33NA

Citizenship Irish

Post Office Address same as above

Full name of sixth joint

inventor, if any Theresa O'Keefe

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 61 Parkers Lane

Waltham, Massachusetts 02453

Citizenship U.S.A.

Post Office Address same as above

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

- ☐ is attached hereto.  
☒ was filed on April 23, 2001 as United States Application

Number or PCT International Application No. 09/840,459

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[ ]	[ ]	[ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)



I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/121,781</u> (Application Serial No.)	<u>July 23, 1998</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/359,193</u> (Application Serial No.)	<u>July 22, 1999</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/497,625</u> (Application Serial No.)	<u>February 3, 2000</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>PCT/US01/03537</u> (Application Serial No.)	<u>February 2, 2001</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**Two Militia Drive**  
**Lexington, MA 02421-4799**

or

☐ Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 781-861-6240

Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 325 Woodward Street

Newton, Massachusetts 02468

Citizenship U.S.A.

Post Office Address same as above  
-----

Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 209 Plain Street  
Taunton, Massachusetts 02780

Citizenship U.S.A.

Post Office Address same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3 Durham Street, #3  
Boston, Massachusetts 02115

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature  Date 20/9/01

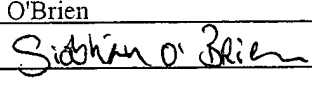
Residence 1 Christ Church Crescent  
Radlett, Hertfordshire, UK WD78AG

Citizenship British

Post Office Address same as above

Full name of fifth joint

inventor, if any Siobhan H. O'Brien

Inventor's Signature  Date 20/9/01

Residence 66 Stanhope Avenue, Basement Flat 17 Durham Rd, SOB  
Finchley, London, UK N33NA EAST FINCHLEY, SOB

Citizenship Irish LONDON, N2 2DP SOB

Post Office Address same as above

Full name of sixth joint

inventor, if any Theresa O'Keefe

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 61 Parkers Lane  
Waltham, Massachusetts 02453

Citizenship U.S.A.

Post Office Address same as above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMANIZED ANTI-CCR2 ANTIBODIES AND METHODS OF USE THEREFOR

the specification of which (check one)

☐ is attached hereto.

☒ was filed on April 23, 2001 as United States Application

Number or PCT International Application No. 09/840,459

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/121,781</u> (Application Serial No.)	<u>July 23, 1998</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/359,193</u> (Application Serial No.)	<u>July 22, 1999</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>09/497,625</u> (Application Serial No.)	<u>February 3, 2000</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)
<u>PCT/US01/03537</u> (Application Serial No.)	<u>February 2, 2001</u> (Filing date)	<u>Pending</u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**Two Militia Drive**  
**Lexington, MA 02421-4799**

or

☐ Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 781-861-6240  
Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Gregory J. LaRosa

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 325 Woodward Street

Newton, Massachusetts 02468

Citizenship U.S.A.

Post Office Address same as above  
-----

Full name of second joint

inventor, if any Christopher Horvath

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 209 Plain Street

Taunton, Massachusetts 02780

Citizenship U.S.A.

Post Office Address same as above

Full name of third joint

inventor, if any Walter Newman

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 3 Durham Street, #3

Boston, Massachusetts 02115

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint

inventor, if any S. Tarran Jones

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 1 Christ Church Crescent

Radlett, Hertfordshire, UK WD78AG

Citizenship British

Post Office Address same as above

Full name of fifth joint

inventor, if any Siobhan H. O'Brien

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 66 Stanhope Avenue, Basement Flat

Finchley, London, UK N33NA

Citizenship Irish

Post Office Address same as above

Full name of sixth joint

inventor, if any Theresa O'Keefe

Inventor's Signature X *Theresa O'Keefe* Date X Sept 17, 2001

Residence 6 Parkers Lane

TOR 9/17/01

Waltham, Massachusetts 02453

Citizenship U.S.A.

Post Office Address same as above